

BRS	17218	compensat\$4 with distort\$5	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 17:57
BRS	933	(compensat\$4 with distort\$5) same power near3 amplif\$5	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 15:28
BRS	723	(compensat\$4 with distort\$5) with power near3 amplif\$5	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 15:28
BRS	36	((compensat\$4 with distort\$5) with power near3 amplif\$5) same pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 15:28
BRS	2099	reconstruction near4 filter\$5	USPAT; US-PGPUB; EPO; DERWENT	2/15/04 17:59
BRS	83131	power near4 amplif\$5	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:07
BRS	798834	pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:07
BRS	13058	bit near2 error near2 rate\$1	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:08
BRS	30318	power near2 efficiency	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:08
BRS	5209	automatic near2 frequency near2 control\$4	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:09
BRS	2945	spectral near2 efficiency	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:09
BRS	86	(reconstruction near4 filter\$5) same (power near4 amplif\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:09
BRS	9	((reconstruction near4 filter\$5) same (power near4 amplif\$5) same distort\$4	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:25
BRS	1115972	(bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:04
		near2 control\$4) or (spectral near2 efficiency) or nyquist or energy		
		((reconstruction near4 filter\$5) same (power near4 amplif\$5) same distort\$4) and ((bit		
BRS	6	near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:20
		near2 control\$4) or (spectral near2 efficiency) or nyquist or energy)		
		((reconstruction near4 filter\$5) same (power near4 amplif\$5) same distort\$4) and ((bit		
BRS	3	near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:57
		near2 control\$4) or (spectral near2 efficiency) or nyquist or energy) and "4600891"		
		((reconstruction near4 filter\$5) same (power near4 amplif\$5) same distort\$4) and ((bit		
		near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency		
		near2 control\$4) or (spectral near2 efficiency) or nyquist or energy) and "4600891" and		
		amplitude		
BRS	3	(reconstruction near4 filter\$5) with distort\$4	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:20
BRS	72	(power near4 amplif\$5) with distort\$4	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:25
BRS	3213	(power near4 amplif\$5) with distort\$4	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:25
BRS	3276	((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with distort\$4)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:25
BRS	153	((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with distort\$4))	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:26
		same pulse\$1		
BRS	69	((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with distort\$4))	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:26
		same pulse\$1) and @ad<19980121		
BRS	14	((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with distort\$4))	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:26
		same pulse\$1) and @rad<19980121		
		((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with		
BRS	72	distort\$4) same pulse\$1) and @rad<19980121) or (((reconstruction near4 filter\$5) with	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:47
		distort\$4) or ((power near4 amplif\$5) with distort\$4) same pulse\$1) and @ad<19980121)		
		((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with		
		distort\$4) same pulse\$1) and @rad<19980121) or (((reconstruction near4 filter\$5) with		
BRS	1	distort\$4) or ((power near4 amplif\$5) with distort\$4)) same pulse\$1) and	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:47
		@ad<19980121)) and 5070254.pn.		
		((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with		
BRS	0	distort\$4) same pulse\$1) and @rad<19980121) or (((reconstruction near4 filter\$5) with	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:48
		distort\$4) or ((power near4 amplif\$5) with distort\$4)) same pulse\$1) and		
		@ad<19980121)) and 5070254.pn.) and (power near4 amplif\$5)		
		((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with		
BRS	1	distort\$4) same pulse\$1) and @rad<19980121) or (((reconstruction near4 filter\$5) with	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:49
		distort\$4) or ((power near4 amplif\$5) with distort\$4)) same pulse\$1) and		
		@ad<19980121)) and 5070254.pn.) and amplif\$5		
		((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with		
BRS	1	distort\$4) same pulse\$1) and @rad<19980121) or (((reconstruction near4 filter\$5) with	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:49
		distort\$4) or ((power near4 amplif\$5) with distort\$4)) same pulse\$1) and		
		@ad<19980121)) and 5070254.pn.) and amplif\$5 and (reconstruction near4 filter\$5)		
		((reconstruction near4 filter\$5) with distort\$4) or ((power near4 amplif\$5) with		
		distort\$4) same pulse\$1) and @rad<19980121) or (((reconstruction near4 filter\$5) with		
		distort\$4) or ((power near4 amplif\$5) with distort\$4)) same pulse\$1) and		
		@ad<19980121)) and 5070254.pn.) and amplif\$5 and (reconstruction near4 filter\$5)		
BRS	0	and (transmit\$5 or transmission)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:49
BRS	0	predistort\$5 and "4600891"	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 17:57
BRS	0	pre-distort\$5 and "4600891"	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:05
BRS	1536	pre-distort\$5	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:05
BRS	318	pre-distort\$5 same (power near4 amplif\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:08
BRS	2	pre-distort\$5 same (reconstruction near4 filter\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:05
BRS	0	(pre-distort\$5 same (power near4 amplif\$5) same compensat\$4	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:08
BRS	141	(pre-distort\$5 same (power near4 amplif\$5) same compensat\$4	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:08
		((pre-distort\$5 same (power near4 amplif\$5) same compensat\$4) same ((bit near2 error		
		near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4)		
BRS	16	or (spectral near2 efficiency) or nyquist or energy)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:13
BRS	3	5815038	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:13
BRS	8	5808511	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:13

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BRS	2	("5815038" or "5808511") and (((pre-distort\$5 same (power near4 amplif\$5)) same compensat\$4) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist or energy)))	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:13
BRS	1	((("5815038" or "5808511") and (((pre-distort\$5 same (power near4 amplif\$5)) same compensat\$4) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist or energy))) and (telecommunication or telephon\$5))	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:20
BRS	1	((("5815038" or "5808511") and (((pre-distort\$5 same (power near4 amplif\$5)) same compensat\$4) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist or energy))) and (telecommunication or telephon\$5)) and non-linear\$	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:19
BRS	2	((("5815038" or "5808511") and (((pre-distort\$5 same (power near4 amplif\$5)) same compensat\$4) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist or energy))) and non-linear\$	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:19
BRS	2	((("5815038" or "5808511") and (((pre-distort\$5 same (power near4 amplif\$5)) same compensat\$4) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist or energy))) and communicat\$6	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:21
BRS	2	((("5815038" or "5808511") and (((pre-distort\$5 same (power near4 amplif\$5)) same compensat\$4) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist or energy))) and amplitud\$5	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:04
BRS	0	((("5815038" or "5808511") and (((pre-distort\$5 same (power near4 amplif\$5)) same compensat\$4) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist or energy))) and pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:24
BRS	494	chang\$4 near5 ((bit near2 error near2 rate\$1) or der)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:27
BRS	0	(chang\$4 near5 ((bit near2 error near2 rate\$1) or der)) same (compensat\$4 near6 distort\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:27
BRS	482	chang\$4 near5 ((bit near2 error near2 rate\$1) or ber)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:27
BRS	0	(chang\$4 near5 ((bit near2 error near2 rate\$1) or ber)) same (compensat\$4 near6 distort\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:29
BRS	14306	compensat\$4 near6 distort\$5	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:29
BRS	16	(automatic near2 frequency near2 control\$4) same (compensat\$4 near6 distort\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:30
BRS	944	(compensat\$4 near6 distort\$5) same pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:31
BRS	34	((compensat\$4 near6 distort\$5) same pulse\$1) same ((reconstruction near4 filter\$5) or (power near4 amplif\$5))	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 18:31
BRS	59805	(bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:04
BRS	232	(compensat\$4 near6 distort\$5) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:04
BRS	55259	pulse\$1 near6 amplitud\$5	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:05
BRS	26	((compensat\$4 near6 distort\$5) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist)) and (pulse\$1 near6 amplitud\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:05
BRS	1	((compensat\$4 near6 distort\$5) same ((bit near2 error near2 rate\$1) or (power near2 efficiency) or (automatic near2 frequency near2 control\$4) or (spectral near2 efficiency) or nyquist)) same (pulse\$1 near6 amplitud\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:05
BRS	17218	compensat\$4 with distort\$5	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:17
BRS	701	(compensat\$4 with distort\$5) with power near3 amplifier\$1	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:18
BRS	708	((compensat\$4 with distort\$5) with power near3 amplifier\$1) or ((compensat\$4 with distort\$5) with reconstruction near4 filter\$4)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:18
BRS	11	(compensat\$4 with distort\$5) with reconstruction near4 filter\$4	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:19
BRS	208	((compensat\$4 with distort\$5) with power near3 amplifier\$1) same amplitud\$1	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:26
BRS	80	((compensat\$4 with distort\$5) with power near3 amplifier\$1) same amplitud\$1) and @ad<19980121	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:26
BRS	6	((compensat\$4 with distort\$5) with power near3 amplifier\$1) same amplitud\$1) and @rad<19980121	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:27
BRS	83	((compensat\$4 with distort\$5) with power near3 amplifier\$1) same amplitud\$1) and @ad<19980121) or (((compensat\$4 with distort\$5) with power near3 amplifier\$1) same amplitud\$1) and @rad<19980121)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:25
BRS	3	((compensat\$4 with distort\$5) with power near3 amplifier\$1) same amplitud\$1) same pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:26
BRS	1	((compensat\$4 with distort\$5) with power near3 amplifier\$1) same amplitud\$1) same pulse\$1) and @rad<19980121	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:27
BRS	3	((compensat\$4 with distort\$5) with power near3 amplifier\$1) same amplitud\$1) same pulse\$1) and @ad<19980121	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:28
BRS	2	4600891.pn. and (amplitud\$4 or magnatud\$5)	USPAT; US-PGPUB; EPO; DERWENT	2/12/04 19:28
BRS	2	4319359.pn. and pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	2/15/04 17:54
BRS	2099	reconstruction near4 filter\$5	USPAT; US-PGPUB; EPO; DERWENT	2/15/04 17:59
BRS	182	(reconstruction near4 filter\$5) same pulse\$1	USPAT; US-PGPUB; EPO; DERWENT	2/15/04 18:00
BRS	4	4319359.pn.	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:03
BRS	1	4319359.pn. and predistort\$5	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:04

BRS	2	4319359.pn. and distort\$5	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:04
BRS	2	(4319359.pn. and distort\$5) or (4319359.pn. and distort\$5)	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:05
BRS	33	predistort\$5 same adaptive near4 equali\$6	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:06
BRS	0	(predistort\$5 same adaptive near4 equali\$6) and ppm	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:06
BRS	450	predistort\$5 same adaptive	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:06
BRS	0	(predistort\$5 same adaptive) and ppm	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:06
BRS	67	(predistort\$5 same adaptive) and pulse	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 19:20
BRS	22	(predistort\$5 same adaptive) and pulse near6 modulat\$6	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:07
BRS	10	((predistort\$5 same adaptive) and pulse near6 modulat\$6) and @ad<19980121	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 19:20
		((((predistort\$5 same adaptive) and pulse near6 modulat\$6) and @ad<19980121) and		
BRS	0	pulase and modulat\$6	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:10
		((((predistort\$5 same adaptive) and pulse near6 modulat\$6) and @ad<19980121) and		
BRS	10	pulse and modulat\$6	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:10
		((((predistort\$5 same adaptive) and pulse near6 modulat\$6) and @ad<19980121) and		
BRS	10	pulse\$1 and modulat\$6	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:10
BRS	4	((predistort\$5 same adaptive) and pulse near6 modulat\$6) and @rlad<19980121	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:13
		((((predistort\$5 same adaptive) and pulse near6 modulat\$6) and @rlad<19980121) not		
BRS	0	((((predistort\$5 same adaptive) and pulse near6 modulat\$6) and @ad<19980121)	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 18:13
		((((predistort\$5 same adaptive) and pulse near6 modulat\$6) and @ad<19980121) and		
BRS	10	modulat\$5	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 19:19
BRS	0	(predistort\$5 same adaptive) and modulatt\$6	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 19:20
BRS	341	(predistort\$5 same adaptive) and modulatt\$6	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 19:20
BRS	99	((predistort\$5 same adaptive) and modulatt\$6) and @ad<19980121	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 19:23
BRS	26	((((predistort\$5 same adaptive) and modulatt\$6) and @ad<19980121) and pulse\$5	USPAT; US-PGPUB; EPO; DERWENT	11/6/04 19:23